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# UNITED STATES ARMY HEALTH CARE STUDIES

## AND

# CLINICAL INVESTIGATION ACTIVITY

AD-A205 279

CATALOG OF  
COMPLETED HEALTH CARE  
AND DENTAL CARE STUDIES

DECEMBER 1988

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UNITED STATES ARMY  
HEALTH SERVICES COMMAND  
FORT SAM HOUSTON, TEXAS 78234

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THE ARMY MEDICAL STUDY PROGRAM

CATALOG OF  
COMPLETED HEALTH CARE  
AND DENTAL CARE STUDIES  
DECEMBER 1988

U.S. ARMY HEALTH CARE STUDIES AND  
CLINICAL INVESTIGATION ACTIVITY  
U.S. ARMY HEALTH SERVICES COMMAND  
FORT SAM HOUSTON, TEXAS 78234-6060

# US ARMY HEALTH CARE STUDIES AND CLINICAL INVESTIGATION ACTIVITY

## CATALOG OF COMPLETED STUDIES

1. Following is a list of health care and dental care delivery studies completed by this activity to date. Copies of each study in this catalog may be obtained as follows:

a. Regular users of the services of the Defense Technical Information Center (DTIC) (Per DoD Instruction 5200.21) may purchase copies directly from the following address:

Defense Technical Information Center (DTIC)  
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Cameron Station  
Alexandria, VA 22304-6145

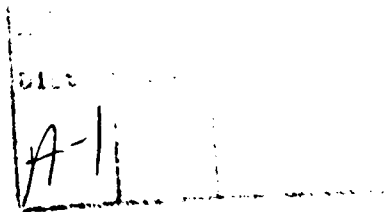
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2. Copies of reports should be ordered by using the Accessions Division (AD) number where listed. Those reports not yet assigned an AD number may be ordered by using the HCSCIA, HCSD, or DSO number and the study title. When ordering, indicate if report is desired in microfiche or hardback paper copies. Current prices of reports or other services may be obtained directly from the respective agency. —



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PART I

Health Care and Dental Care Studies

COMPLETED STUDIES

DATE	TITLE	ACCESSION #
Dec 71	Army Physicians' Attitudes Toward Physicians' Assistants (HCRD Report No. 2)	AD 759135
Jan 72	Army Physicians' Attitudes Toward the Problem-Oriented Medical Record (HCRD Report No. 3)	AD 759136
Jan 72	The Effect of the Problem-Oriented Medical Record on Comprehensiveness of Care as Reflected in the Clinical Record (HCSD Report No. 4)	AD 759137
Jan 72	Dental Therapy Assistant: Attitudes of Army Dentists (HCSD Report No. 5)	AD 759138
Jan 73	A Study of Appointment Scheduling Control for Outpatients (HCSD Report No. 6)	AD A032498
Jan 73	Dental Therapy Assistant: Effect on Team Productivity (HCSD Report No. 7)	AD 759139
Feb 73	Dental Therapy Assistant: Quality of Restorations Placed and Finished (HCSD Report No. 8)	AD 759140
Dec 73	A Comparative Study of Patient Scheduling Systems for Army Sick Call (HCSD Report No. 10)	AD 780036/ OG1
Mar 74	Evaluation of Expanded Role of the Physical Therapist in Screening Musculoskeletal Disorders (Final Report) (HCSD Report No. 12)	AD 784639/ 7G1
May 74	Evaluation of Expanded Role of Physical Therapist in Screening Musculoskeletal Disorders: Follow-up Questionnaire (HCSD Report No. 12A)	AD 784640/ 5G1
Jun 74	Survey of Mobile Health Units (HCSD Report No. 13)	AD 783498/ 9G1
Jun 74	Feasibility Study of Outpatient Clinic Simulation Model (HCSD Report No. 14)	AD A006106/ 9G1
Mar 76	Dental Therapy Assistant: Expectations, Preferences, and Reality (HCSD Report No. 76-002R)	AD A035405
Apr 76	Practice Effectiveness of Army Nurse Clinicians (HCSD Report No. 15)	AD A028584
Apr 76	Army Dental Program Management Indices (HCSD Report No. 76-004R)	AD A035406
Sep 76	Centralized Veterinary Laboratory Quality Assurance Program Study - I (HCSD Report No. 76-005R)	AD A033958

DATE	TITLE	ACCESSION #
Sep 76	Dental Therapy Assistant: Cost Performance Analysis (HCSD Report No. 76-006R)	AD A034209
Jul 76	Family Practice Model for an Army Community-Demonstration Project (HCSD Report No. 76-008R)	AD A034358
Apr 76	Dental Care Requirements of Active Duty Army Personnel (HCSD Report No. 76-009R)	AD A035323
Dec 76	Ambulatory Patient Medical Records System Pilot Project (HCSD Report No. 76-010R)	AD A038932
Feb 77	Dental Care Requirements of Dependents of Active Duty US Army Personnel (HCSD Report No. 77-001)	AD A038931
Mar 77	Study of Daily Productivity for Dental Laboratory Technicians (HCSD Report No. 77-002)	AD A041032
Apr 77	Feasibility of Increased Utilization of Fitzsimons Army Medical Center by CHAMPUS-Eligible Beneficiaries (HCSD Report No. 77-003)	AD A040552
Oct 77	Central Appointment System (CAS) Revisited (HCSD Report No. 77-004)	AD A052818
Nov 77	Comparison of Dental Care Delivery by Dental Mentors (Teachers), Dental Residents, and Non-Teaching Dental Specialist (HCSD Report No. 77-005)	AD A052837
Nov 77	Food Service System Engineering Consultation Review (WALTER REED) (HCSD Report No. 77-006)	AD A052838
Jan 78	Psychologist Retention Factors (HCSD Report No. 78-001)	AD A059374
Aug 78	AMOSIST Program Field Evaluation: Phase II-Physician Savings and Cost Effectiveness (HCSD Report No. 78-002B)	AD A061146
Jan 79	Part C - Safety and Effectiveness of Care (HCSD Report No. 78-002C) [AMOSIST]	AD A072408
Feb 79	Part D - Stability and Viability - A Re-evaluation of Program Acceptance and Operational Characteristics (HCSD Report No. 78-002D) [AMOSIST]	AD A072551
Feb 79	Part E - Executive Summary (HCSD Report No. 78-002E) [AMOSIST]	AD A075160
Mar 78	Comparison of the Output in Weighted Work Units of Installation Dental Laboratories with that of Regional Dental Activities (HCSD Report No. 78-003)	AD A056826

DATE	TITLE	ACCESSION #
Mar 78	Problem-Oriented Medical Record (POMR) Study (HCSD Report No. 78-004)	AD A057264
Jun 78	Physicians' Assistants Attitudes and Performance (HCSD Report No. 78-005)	AD A061315
Aug 78	Dental Care Composite Unit Study: Phase II - Development of a Time-Provider Based Dental Procedure Weighting System (HCSD Report No. 78-006)	AD A061159
Jun 79	Dental Care Composite Unit Study: Executive Summary (HCSD Report No. 78-006X)	AD A073717
Oct 78	Effect of Dental Facility Design on Productivity (HCSD Report No. 78-007)	AD A064360
Nov 78	Army Nurse Clinician: Satisfaction and Retention (HCSD Report No. 78-008)	AD A067592
Mar 79	Patient and Community Health Education Model: A Developmental and Evaluation Project (HCSD Report No. 79-001)	
	Part A - Assessment of Consumer Health Education Needs of DeWitt MEDDAC, Fort Belvoir, VA	AD A070920
	Part B - Strategy for Instructional Systems Design and Formative Evaluation	AD A070921
	Part C - A Patient Learning Center for an Army MEDDAC - A Feasibility Study	AD A070922
	Part D - A Comparative Evaluation of the Traditional versus A Systems Approach for Hypertensive Patient Education	AD A070923
	Part E - Cost/Benefit Analysis of Competing Patient Education Systems	AD A070924
Apr 79	Perceived Needs for Military Medical Training for Incoming Physicians (HCSD Report No. 79-002)	AD A071610
Jun 79	Military Occupational Health Surveillance (HCSD Report No. 79-003)	AD A079173
Jun 79	Effect of the Army Oral Health Maintenance Program (AOHMP) on the Dental Health Status of Army Personnel (HCSD Report No. 79-004)	
	Part A - The Role of the Required Annual Dental Examination as the Key to the Delivery of Needed Care	AD A073890



DATE	TITLE	ACCESSION #
Jun 79	Effect of the Army Oral Health Maintenance Program (AOHMP) on the Dental Health Status of Army Personnel (HCSD Report No. 79-004)	
	Part B - Dental Health Record Review of Program Participation and Recurrent Care Needs	AD A073891
	Part C - Dental Care Requirements of Active Duty Army Personnel, 1978	AD A080536
	Part D - Effect of the Army Oral Health Maintenance Program on Dental Health Status of Army Personnel	AD A080182
Jun 79	Current Dental Officer Practice and Utilization in the US Army (HCSD Report No. 79-005)	AD A073755
Sep 79	Procedural Inconsistencies Between Fixed and Field Medical Inpatient Facilities (PIFMIF) (HCSD Report No. 79-007)	AD A080630
Jun 80	Decentralized Inpatient Pharmacy Service Study (Chief of Pharmacy Survey): Part A (HCSD Report No. 80-001)	AD A150888
Jul 80	Decentralized Inpatient Pharmacy Study, The Relative Merits of Decentralized/Clinical Pharmacy Services: Part B (HCSD Report No. 80-001B)	AD A090486
Sep 80	Decentralized Inpatient Pharmacy Service Study (Job Satisfaction Between Pharmacists Performing Patient Care Activities and Pharmacists Performing Dispensary or Supervisory Functions): Part C (HCSD Report No. 80-001C)	AD A090509
Jun 80	Non-Productive Factor Allowance (HCSD Report No. 80-002)	AD A087450
Jun 80	A Study to Determine the Optimal Frequency for Conducting Periodic Dental Examinations (OFDEX, Part I) (HCSD Report No. 80-003)	AD A096729
Jun 80	A Study to Determine the Optimal Frequency for Conducting Periodic Dental Examinations (Recruits' Needs) (OFDEX, Part II) (HCSD Report No. 80-004)	AD A109780
Sep 80	Comparison of the Output in Weighted Work Units of Installation Dental Laboratories with that of Regional Dental Activities: Part II (HCSD Report No. 80-005)	AD A096730
Nov 80	A Study to Evaluate an Automated Bar Code Reader and Electronic Transmitter Device for Workload Reporting from DENTAC to Central Processing Facilities (BAR CODE DEN) (DSO Report No. 80-006)	AD A128272

DATE	TITLE	ACCESSION #
Apr 81	Optimum Operating Hours for Ambulatory Clinics: A Pilot Study (HCSD Report No. 81-001)	AD A106817
Apr 81	Flexitime in an Army Medical Center (HCSD Report No. 81-002)	AD A107470
May 81	Teleradiology (HCSD Report No. 81-003)	AD A107431
Jun 81	An Assessment of the Dental Needs of Army Recruits (DSO Report No. 81-004)	AD A107290
May 81	Evaluation of Physicians and Physicians Extenders: Manpower Resources (HCSD Report No. 81-005)	AD A105445
Jul 81	Evaluation of Currently Used Dental Management Indicators and Development of New Management and Performance Indicators (DSO Report No. 81-006)	AD A110090
May 81	Utilization of Nurse Practitioners in Emergency Medical Treatment (HCSD Report No. 81-007)	AD A105754
Sep 81	Organizational Effectiveness and Patient Care Quality Study (HCSD Report No. 81-008)	AD A105755
Sep 81	Nursing Care Hours Standards - Parts I through VIII (HCSD Report No. 81-009):	
	Part I, Section A. Patient Classification System Model Development	AD A109883
	Part I, Section B. Patient Classification System Model Development	AD A109884
	Part II Critical Care Patient Classification Subsystem	AD A109885
	Part III Medical/Surgical Patient Classification Subsystem	AD A109885
	Part IV Obstetrical Patient Classification Subsystem	AD A109885
	Part V Psychiatric Patient Classification Subsystem	AD A109886
	Part VI Neonatal Patient Classification Subsystem	AD A109886
	Part VII Pediatric Patient Classification Subsystem	AD A109886
	Part VIII Executive Summary	AD A109886

DATE	TITLE	ACCESSION #
Sep 81	Casualty Estimation Substudy: Disease and Nonbattle Injury Rates - Phase I (HCSD Report No. 81-011)	AD A105506
Sep 81	Casualty Estimation Substudy: Physical Profiles (HCSD Report No. 81-012)	AD A110262
Sep 81	Evaluation of the Effectiveness of Preventive Dentistry Programs: Assessment of Relationship Between Past Dental Experience and Sick Call in the Field (DSO Report No. 81-013)	AD A107506
Sep 81	Field Unit Readiness Study (FURS) (HCSD Report No. 81-014)	AD A107469
Jan 82	Long Range Planning System: Medical Aspects in the Year 2000 (HCSD Report No. 82-001)	AD B098015
Jan 82	Long Range Planning System: Dental Aspects in the Year 2000 (DSO Report No. 82-001)	AD B097775
Feb 82	Evaluation Study of Family Nurse Practitioners (HCSD Report No. 82-002)	AD A118929
May 82	Use of Multiple Operatories in Dental Care Delivery (DSO Report No. 82-002)	AD A114118
Mar 82	Medical Development and Investigation Implications Study (HCSD Report No. 82-003)	AD A112347
Jun 82	Child Protection and Case Management Team Performance Evaluation Tool (CPCMT) (HCSD Report No. 82-004)	AD A118464
Jul 82	Physician Productivity in Clinic Settings (HCSD Report No. 82-005)	AD A130456
Dec 82	Patient Care in a Chemical Environment; Substudy: Effects of Chemical Protective Clothing on the Performance of Basic Medical Tasks (HCSCIA Report No. 83-001)	AD A139001
Jun 83	Vaccine and Antitoxin Availability for Defense Against Biological Warfare Threat Agents (HCSCIA Report No. 83-002)	AD A137354
Sep 83	Scheduling Options in Departments of Nursing (HCSCIA Report No. 83-003)	AD A138389
Sep 83	Time Spent in Indirect Nursing Care (HCSCIA Report No. 83-004)	AD A138388

DATE	TITLE	ACCESSION #
Sep 83	ANC Personnel Management Practices (HCSCIA Report No. 83-005)	
	Part A - Executive Summary	AD A148890
	Part B - Final Report	AD A149519
Aug 83	Health Screening for Remote Assignments (HCSCIA Report No. 83-006)	AD A139494
Sep 83	Evaluation of Physical Fitness & Weight Control Program (HCSCIA Report No. 83-007)	
	Part A - The Army Medical Dept Officer Advanced Course	AD A139877
	Part B - The Army Medical Dept Advanced NCOES Course	AD A139551
Sep 83	Quality of Care Indicators (HCSCIA Report No. 83-008)	AD A139052
Mar 84	Ambulatory Care Data Base (HCSCIA Report No. 83-009)	
	Part A - Executive Summary	AD A144838
	Part B - Final Summary	AD A144839
May 84	Theatre of Operations Dental Workload Readiness (DSO Report No. 84-001)	AD A149953
Oct 84	Proceedings, Tri-Service Performance Measurement Conference (HCSCIA Report No. 84-002)	AD A149511
Dec 84	Evaluation of the Medical and Dental Portions of the Soldier Data Tag System (HCSCIA Report No. 84-003)	
	Part A - Executive Summary	AD A157366
	Part B - Final Report	AD A157396
Jan 85	Battle Stress Survey (HCSCIA Report No. 85-001)	
	Part A - Executive Summary	AD A159897
	Part B - Final Report	AD A159901
Jan 85	Combat Stress: Lessons Learned From Recent Operational Experiences (HCSCIA Report No. 85-002)	
	Part A - Executive Summary	AD A159815
	Part B - Final Report	AD A159861

DATE	TITLE	ACCESSION #
Sep 85	Time Utilization in the Army Dental Corps (HCSCIA Report No. DR 85-003)	AD A163687
Apr 86	Health Care Studies and Clinical Investigation Activity Historical Data Base (HCSCIA Report No. HR 86-001)	
Apr 86	Feasibility Study for the Establishment of a Nurse Administered Unit at Walter Reed Army Medical Center (MR Report No. 86-001)	AD A169387
Jan 86	Mobilization Readiness of Retired Army Nurse Corps Officers (HCSCIA Report No. HR 86-002)	AD A171134
Nov 86	Medical Expense and Performance Reporting System-- Three Digit Health Care Unit --Part of the Performance Measurement Study (PMS)	
	Part One (HCSCIA Report No. HR 87-001)	AD A178034
	Part Two (HCSCIA Report No. HR 87-006)	AD A178035
Jan 87	AMEDD Standards of Nursing Practice (HCSCIA Report No. HR 87-008)	AD A180343
Aug 87	Health Status of Women in the Army (HCSCIA Report No. HR 87-009)	AD A188301
Sep 87	Conversion of ICD-9 and ICPM Data to ICD-9-CM Adaptation to DRGs (HCSCIA Report No. HR 87-007)	
	Part A Executive Summary	AD A189943
	Part B Final Report	AD A188996
	Part C Appendix F	AD A190304
Apr 88	Military Health Service System Ambulatory Work Unit (AWU) (HCSCIA Report No. HR 88-001)	AD A195123
Sep 88	The Army Ambulatory Care Data Base: Implementation and Preliminary Data	Pending
Oct 88	HCSCIA Historical Data Base (HCSCIA Report No. HR 89-001)	

PART II

Staff Studies and  
Consultations

## STAFF STUDIES

- 1979 Hartley, Brodes H. Military Cytotechnologists  
(Staff Study No. 79-001)
- 1980 Abshier, John D. Military Urology Technicians  
(Staff Study No. 80-001)
- 1980 Alexander, David F. Military Enterostomal Therapists  
(Staff Study No. 80-002)

## CONSULTATIONS

- 1979 Mayotte, Richard V., and Parker, Warren A. Field Test of Proposed Dental Reporting System for Use With Department of Defense Uniform Chart of Accounts  
(Consultation Report No. 79-001)
- 1981 Rauch, Terry M., Mangelsdorff, A. David, and James, James J. Risk Assessment for Cardiovascular Disease in Military Personnel (Consultation Report No. 81-001)
- 1981 Mangelsdorff, A. David, and Furukawa, T. Paul. Development of Medical Manpower Authorization Criteria (MACRIT) Planning Factors  
(Consultation Report No. 81-002, DTIC: AD A144233)
- 1982 Twist, Patricia. Dictation and Transcription Analysis Study (DATA)  
(Interim Consultation Report No. 82-001, DTIC: AD A144234)
- 1982 Mangelsdorff, A. David, Furukawa, T. Paul, and James, James J. An Analysis of a Sample from the Case Management Incident Reports of the Child Protection Case Management Files  
(Consultation Report No. 82-002)
- 1982 Wilson, Linda O. A Review of Injury Severity Grading Systems (Consultation Report No. 82-003)
- 1982 Mangelsdorff, A. David and Furukawa, T. Proceedings, Users' Workshop on Combat Stress (Consultation Report No. 82-004, DTIC: AD A152464)
- 1983 Twist, Patricia. HSC Public Broadcasting Satellite  
(Consultation Report No. 83-001)
- 1983 King, John E. Preventive Dentistry Conference  
(Consultation Report No. 83-002)
- 1983 Teweles, Robert B. Prospective Identification of Potential Dental Emergency Conditions (Consultation Report No. 83-003)

- 1983 Mangelsdorff, A. David, and Furukawa, T. Proceedings, Second User's Workshop on Combat Stress (Consultation Report No. 83-004, DTIC: AD A149034)
- 1983 Raborn, G.W., Rozier, G., King, J.E., and Mangelsdorff, A.D. Dental Health Care Status of North Carolina Army Reserve National Guard, Den/Guard 82 (Consultation Report No. 83-005)
- 1984 Mangelsdorff, A. David, King, James M., and O'Brien, Donald E. Proceedings, Third Users' Workshop on Combat Stress (Consultation Report No. 84-001, DTIC: AD A149035)
- 1984 Brusch, Walter A. Pilot Study Into the Relationship Between Work Out-Put and Years in Service (Dental Consultation Report No. 84-001)
- 1984 Brusch, Walter A. Years in Service and Work Out-Put: A Correlation Analysis (Dental Consultation Report No. 84-002)
- 1984 Brusch, Walter A. Fort Ord Dependent Dental Care Survey (Dental Consultation Report No. 84-003)
- 1984 Brusch, Walter A., Shulman, Jay D., King, James M., and Mangelsdorff, A. David. Survey of Military Dental Practice (Dental Consultation Report No. 84-004)
- 1985 Brusch, Walter A. Dental Doctrine Assessment & Reform of Preventive Dentistry (Dental Consultation Report No. 85-001)
- 1985 Mangelsdorff, A. David, & King, James M. Cohesion and Motivation: Multi-national Efforts in the Armed Forces (Consultation Report No. 85-001, DTIC: AD A159940)
- 1985 Mangelsdorff, A. David, King, James M., and O'Brien, Donald E. Proceedings, Fourth Users' Workshop on Combat Stress (Consultation Report No. 85-002, DTIC: AD A160228)
- 1985 Mangelsdorff, A. David, King, James M., and O'Brien, Donald E. Consultation with The First Cavalry Division, Fort Hood, TX (Consultation Report No. 85-003, DTIC: AD A159801)
- 1985 Mangelsdorff, A. David, King, James M., and O'Brien, Donald E. Consultation with the 4th Infantry Division (Mech) Fort Carson, CO: Combat Stress Survey (Consultation Report No. 85-004, DTIC: AD A159828)
- 1985 Coventry, John A. Variables Affecting Compliance with General Medical Recommendations (Consultation Report No. 85-005; DTIC: AD A164500)



- 1986 Mangelsdorff, A.D. & King, J.M. Maintaining the Fighting Force: Cohesion and Support Systems (Consultation Report No. 86-001; DTIC: AD A167866)
- 1986 King, J.M., O'Brien, D.E., & Mangelsdorff, A.D. Evaluation of the Army Physical Training and Weight Control Programs, Part III. The Revised Study. (Consultation Report No. 86-002; DTIC: AD A164898)
- 1986 Mangelsdorff, A.D., King, J.M. & O'Brien, D.E. Proceedings: Fifth Users' Workshop on Combat Stress. (Consultation Report No. 86-003; DTIC: AD A170784)
- 1987 Optenberg, S.A., Olsen, K. and Coventry, J.A. Relationships Between Catchment Area Population and Ancillary Service Expenditures in Naval Command Facilities (Consultation Report No. 87-001, DTIC: AD A183386)
- 1987 Nicholas, R. and Crutchfield, M. Funds Control System. (Consultation Report No. 87-002)
- 1988 McFarling, D.A. Medical Evaluation Board Timing Study. (Consultation Report No. 88-002; DTIC: pending)
- 1988 Mangelsdorff, A.D. Proceedings: Sixth Users' Workshop on Combat Stress. (Consultation Report No. 88-003; DTIC: AD A199422)
- 1988 Mangelsdorff, A.D. Texas National Guard: Unit Climate Survey Pilot Project (Consultation Report No. 88-004; DTIC: pending)

PART III  
Resumes of Current Health Care Studies  
and  
Clinical Investigation Activity Staff

NAME: SUE E. AKINS

TITLE: GS-09, Management Analyst

EDUCATION:

B.F.A., 1981, Fine Arts, University of Texas at San Antonio  
Graduate Study toward M.S.W., Our Lady of the Lake University

PUBLICATIONS:

- 1 Mangelndorff, A.D., Akins, S.E., & Bell, J.A. (1986). HCSCIA historical data base (Report No. 86-001). Fort Sam Houston, TX: U.S. Army Health Care Studies & Clinical Investigation Activity
- 2 Georgoulakis, J.M., Optenberg, S. A., & Akins, A.E. (in press). Burnout and Army social work officers: An international perspective. Medical Bulletin of the U.S. Army Europe.
- 3 Georgoulakis, J.M., Moon, J.P., Akins, S.E., Begg, I., Misener, T.R., & Bolling, D.R. (1988). The Army ambulatory care data base (ACDB) study: Implementation and preliminary data (Report No. HR 88-002). Fort Sam Houston, TX: U.S. Army Health Care Studies and Clinical Investigation Activity.
- 4 Mangelndorff, A.D., Akins, S.E., & Miller, Y.J. (1988). HCSCIA historical data base (Report No. HR89-001). Fort Sam Houston, TX: Health Care Studies & Clinical Investigation Activity.

NAME: BEVERLY BELEW ANTOPOL

RANK: LTC, Army Nurse Corps  
Nurse Methods Analyst

EDUCATION:

B.S., 1971, University of Maryland  
M.S., 1983, The Catholic University of America

MEMBERSHIP:

American Nurses' Association  
Association of Military Surgeons of the United States  
Association of the United States Army  
Sigma Theta Tau  
Texas Nurses' Association

LICENSE:

Texas State Board of Nurse Examiners

PUBLICATIONS:

- 1      Girlando, R.M., Belew, B., & Klara, F. (1988) Coarctation of the  
Aorta, Critical Care Nurse, 8 (1): 38-50.

NAME: VELDA R. AUSTIN

TITLE: GS-12 Biostatistician

EDUCATION:

B.A., 1978, Health Care Management, Park College

M.S., 1987, Health Research, Southwest Texas State University

MEMBERSHIP:

American Statistical Association

San Antonio Statistical Association

PUBLICATIONS:

- 1 Austin, V. (1983). Report on Active Duty Army Members Sustaining Injuries, 1977-1981. Supplement to Health of the Army.
- 2 Austin, V., & Baker, S. (1984). Inpatient Performance Measurement Update: Data Conversion and Initial Case Mix Accounting. Proceedings, Tri-Service Performance Measurement Conference. (Report No. 84-002). Fort Sam Houston, TX: Health Care Studies & Clinical Investigation Activity, 217-265.
- 3 Austin, V. Medical Data Bases Patient Administration Systems and Biostatistics Activity (PAS&BA) (1986). In Proceedings, 1985 AMEDD Forensic Psychology Short Course. Washington, D.C.: Office of the Surgeon General.
- 4 Baker, S., Austin, V. & Clay, J. (1987). Conversion of ICD-9 and ICPM Data to ICD-9-CM with Adaptation to DRGs. (Report No. 87-002) Fort Sam Houston, TX: Health Care Studies & Clinical Investigation Activity.
- 5 Optenberg, S., Coventry, J., Baker, S., and Austin, V. (1988). Department of Defense Ambulatory Work Unit. (Report No. 88-001). Fort Sam Houston, TX: U.S. Army Health Care Studies and Clinical Investigation Activity.

NAME: JOHN AYERS CALLAGHAN

RANK: LTC, Medical Service Corps  
Chief, Resource Analysis Division

EDUCATION:

B.A., 1969, Population Zoology, Kansas University  
M.H.A., 1981, Baylor University

MEMBERSHIP:

American College of Healthcare Executives  
Association of the United States Army  
Kansas University Alumni Association  
The Retired Officers Association  
Association of Military Surgeons of the United States

NAME: JOHN L. CARTY

RANK: LTC, Army Nurse Corps  
Nurse Methods Analyst

EDUCATION:

R.N., 1966, Pennsylvania Hospital School of Nursing  
B.S.N., 1972, The Catholic University of America  
M.S.N., 1975, The Catholic University of America  
Doctoral Candidate, Present, The Catholic University of America

MEMBERSHIP:

Sigma Theta Tau  
National League for Nursing

PUBLICATIONS:

- 1 Carty, J.L. (1980). Contributing author to Core Curriculum for Critical Care Nursing, Psychosocial aspects of critical care nursing. Philadelphia: W.B. Saunders.
- 2 Carty, J.L. (1984). Contributing author to Core Curriculum for Critical Care Nursing, Psychosocial aspects of critical care nursing. Philadelphia: W.B. Saunders.

NAME: BRENDA CHEWNING

RANK: CPT, Medical Service Corps  
Comptroller

EDUCATION:

B.S., 1979, Criminal Justice, Indiana University  
M.B.A., 1988, Business Administration, Syracuse University

MEMBERSHIP:

American Society of Military Comptrollers  
Beta Sigma Gamma  
Blue Key National Honor Society



NAME: MICHAEL C. CHISICK

RANK: MAJ, Dental Corps  
Dental Public Health Specialist

EDUCATION:

B.A., 1975, Vanderbilt University, Nashville, Tennessee  
D.M.D., 1979, Harvard University, Boston, Massachusetts  
Intern, 1985, The Rand Corporation, Santa Monica, California  
M.S.P.H., 1986, University of North Carolina, Chapel Hill, North Carolina

LICENSURE:

State of Colorado

CERTIFICATION:

Diplomate of the American Board of Dental Public Health

MEMBERSHIP:

American Dental Association  
American Association of Public Health Dentists

PUBLICATIONS:

- 1 Chisick, M., Brennessel, B., & Biswas, D. (1979). Poly(A)-protein interactions and transport of mRNA in isolated nuclei. Biochemical and Biophysical Research Communications, 91, 1109-1116.
- 2 Bailit, H., Newhouse, J., Brook, R., Naihua, D., Collins, C., Hanley, J., Chisick, M., Spolsky, V., & Goldberg, G. (in press). Dental insurance and the oral health of preschool children. Journal of the American Dental Association.
- 3 Chisick, M., Davies, A., Rozier, G., Manning, W., Collins, C. & Holtby, S. (in press) Sociodemographics, Perceived Need, and Oral Health Status in an Insured Population.
- 4 Chisick, M., Guerin, R., and Shulman, J. (1987). The Dental Needs of Army Family Members, 1986: a Pilot Study, U.S. Army Health Care Studies and Clinical Investigation Activity, Dental Studies Division, Ft. Sam Houston, Texas.
- 5 Shulman, J., Guerin, R., and Chisick, M. (1987). The Dental Needs of Reserve Component Soldiers. U.S. Army Health Care Studies and Clinical Investigation Activity, Dental Studies Division, Ft. Sam Houston, Texas.

NAME: PAUL D. ELLSWORTH

RANK: LTC, Medical Specialist Corps  
Occupational Therapy Staff Officer

EDUCATION:

B.S., Occupational Therapy, University of Florida  
M.P.H., Health Planning and Administration, University of Hawaii

MEMBERSHIP:

American Occupational Therapy Association  
American Public Health Association  
Society of Military Surgeons  
Texas Occupational Association

CERTIFICATION:

Registered Occupational Therapist

LICENSURE:

State of Florida

PUBLICATIONS:

- 1 Ellsworth, P., & Coleman, A. (1969). The application of operant conditioning principles to work group experience. American Journal of Occupational Therapy, 23, 495-501.
- 2 Ellsworth, P., & Coleman, A. (1970). Reinforcement systems to support work behavior. American Journal of Occupational Therapy, 24(8),
- 3 Ellsworth, P. (1975-6). A definitive approach to the problems of child abuse and neglect. Current Trends in Ambulatory Care,
- 4 Ellsworth, P., & Rumbaugh, J. (1980). Community organization and planning consultation. Journal of Occupational Therapy in Mental Health, 1,(1),
- 5 LaDuke, D., & Ellsworth, P. (1980). Military psychiatric transition program. Journal of Nursing and Mental Health,
- 6 Ellsworth, P., & Gibson, D. (Eds.). (1983). Psychiatric occupational therapy in the Army. New York: Haworth.

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RANK: MAJ, Medical Service Corps  
Social Work Officer

Education:

B.S., 1971, Education, University of Alabama  
M.S.W., 1973, Social Work, University of Alabama  
Ed.S., 1978, Counselling, Western Kentucky University  
Ph.D., 1982, Counselling Psychology, Kansas State University

Membership:

American Psychological Association  
Bexar County Psychological Association  
Fellow Inter-University Seminar on the Armed Forces and Society

Certification:

Academy of Certified Social Workers

Publications:

- 1 Georgoulakis, James M. (1973). Reaching the student with a problem, Alabama Social Welfare, May-June: 13-15.
- 2 Georgoulakis, James M. (1973). Priorities for Tuscaloosa's social services, Community Council, Oct: 7-11.
- 3 Georgoulakis, James M. (1978). The armor trainee, Armor Magazine.
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- 8 Burchard, Joyce, & Georgoulakis, James M. (1980). Trainee stress, Armor Magazine, Jan-Feb: 37-40.
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- 10 Georgoulakis, James M., Bank, Robert C., & Jenkins, John A. (1981). Counseling intervention in basic training, Military Medicine, 513-515.

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- 11 Georgioulakis, James M. (1982). The United States Army Retraining Brigade: New Measures of Graduates' Performance, Military Police Journal.
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- 16 Georgioulakis, James M. (1985). Wellness: An Individual Approach, Medical Bulletin, Ocy-Nov: 19-21.
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- 20 Georgioulakis, James H., Chynoweth, G.H., & Fox, L.J. (1982). Characteristics of military offenders returned to duty. (NTIS: AD A125364)

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**RANK:**     LTC, Dental Corps  
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**EDUCATION:**

B.E.S., 1970, The Johns Hopkins University  
D.D.S., 1976, University of Maryland  
M.S., 1982, George Washington University

**MEMBERSHIP:**

American Dental Association  
American Association of Endodontists  
American Association of Public Health Dentists

**LICENSURE:**

State of Colorado

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Management Analyst

EDUCATION:

B.S. (DMG), 1970, Speech and Audiology, University of Texas  
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Master's Candidate, Present, Financial Management, UTSA

Master's Candidate, Present, Management, Webster University

MEMBERSHIPS:

Society of Military Comptrollers

Western Hospital Administrators Association

NAME: R. WAYNE HILLIARD

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EDUCATION:

B.S., 1962, Jacksonville State University  
M.A., 1964, University of Alabama  
M.H.A., 1968, Baylor University  
ED.D., 1975, George Washington University

MEMBERSHIP:

Fellow, American College of Hospital Administrators  
Member, American Hospital Association  
Member, Texas Hospital Association  
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NAME: BONNIE L. M. JENNINGS

RANK: LTC, Army Nurse Corps  
Nurse Methods Analyst

EDUCATION:

B.S., 1970, Nursing, Arizona State University  
M.S., 1975, Nursing, Arizona State University  
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MEMBERSHIP:

American Association of Critical Care Nurses  
American Nurses' Association  
American Nurses' Foundation  
Association of Military Surgeons  
Association of the United States Army  
California Nurses' Association  
Council of Nurse Researchers  
Oncology Nursing Society  
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Licensure:

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PUBLICATIONS:

- 1 Jennings, B. M. (1978). Blitz course for a homecoming. American Journal of Nursing, 78, 856-858.
- 2 Jennings, B. M., & Wright, D. M. (1978). Toward a common goal. Heart & Lung, 7, 978-979.
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- 8 Jennings, B. M., & Muhlenkamp, A. F. (1981). Systematic misperception: Oncology patients' self-reported affective states and their caregivers' perceptions. Cancer Nursing, 4, 485-489.
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- 14 Jennings, B. M., & Allanach, E. J. (1986). TPR. Nursing's vital signs. Nursing, 16(7), 65-67.
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- 26 Jennings, B. M. (in press). Review of Ethics and critical care medicine, Moskop and Kopelman (Eds.), Critical Care Nurse.
- 27 Jennings, B. M. (in press). The stress of critical care nursing. In L. A. Thelan, J. K. Davie, & L. D. Urden (Eds.), Nursing diagnosis in critical care. St. Louis: Mosby.
- 28 Jennings, B. M., & Rogers, S. (in press). From journal to bedside: Using research to change your practice. Critical Care Nurse.
- 29 Jennings, B. M. (in press). Managing measurement error. Nursing Research.
- 30 Jennings, B. M., & Rogers, S. (in press). Merging research and practice: A case of multiple identities. Journal of Advanced Nursing.
- 31 Holzemer, W. L., Jennings, B. M., Chambers, D. B., & Paul, S. M. (in press). Contextual regression analysis. Nursing Research.
- 32 Larson, P. J., & Jennings, B. M. (in press). Generation of stress in the provision of care. In S. M. Baird, R. McCorkle, & M. Grant (Eds.), Cancer nursing: A comprehensive text. Philadelphia: W. B. Saunders.
- 33 Meleis, A. I., & Jennings, B. M. (in press). Theoretical nursing administration: Today's challenges, tomorrow's bridges. In B. Henry, M. DiVenti, C. Arndt, & A. Marriner (Eds.), Dimensions and issues in nursing administration. Boston, MA: Blackwell Scientific.

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RANK: LTC (P), Medical Specialist Corps  
Physical Therapy Staff Officer

EDUCATION:

B.S., 1965, Education, University of Nebraska  
Certificate Physical Therapy, 1966, University of Iowa  
M.Ed., 1979, Trinity University

MEMBERSHIP:

American Physical Therapy Association

LICENSURE:

Iowa State Department of Health

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GRADE: GM-13, Research Psychologist  
Chief, Technical Division

EDUCATION:

B.A., 1967, Dartmouth College  
M.A., 1972, Psychology, University of Delaware  
Ph.D., 1972, Psychology, University of Delaware  
M.A., 1981, English, St. Mary's University of San Antonio  
M.P.H., 1982, University of Texas School of Public Health

MEMBERSHIP:

Fellow American Psychological Association  
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Member Sigma Xi  
Psychophysiology  
Academy of Management  
Federal Management Association  
Southwestern Psychological Association  
American Public Health Association  
International Association of Applied Psychology  
Society of Military Surgeons  
American Association for the Advancement of Science  
Association for the Advancement of Psychology  
International Council of Psychologists  
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Texas Psychological Association

CERTIFICATION:

Texas State Board of Examiners of Psychologists (#1103: December, 1974)  
National Register of Health Service Providers in Psychology (#18191:  
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PUBLICATIONS:

- 1 Mangelsdorff, A.D., & Shenfelt, P.D. (1969). The relationship of galvanic skin response to the emotion-evoking properties of words. (U.S. Navy Submarine Medical Center Report Number 571)
- 2 Mangelsdorff, A.D., & Hauty, G.T. (1971). Effects of temperature and illumination on the locomotor activity and internal temperature of the turtle (Terrapene Carolina carolina). Proceedings of the Third International Inter-Disciplinary Cycle Research Symposium.
- 3 Zuckerman, M., Bone, R.N., Neary, R., Mangelsdorff, A.D., & Brustman, B. (1972). What is the sensation seeker? Personality trait and experience correlates of the sensation seeking scales. Journal of Consulting and Clinical Psychology, 39, 308-321.

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- 6 Dunlap, S.M., Gaertner, S.L., & Mangelsdorff, A.D. (1973). Personality and attitudes: a re-emphasis upon the cognitive component. Journal of Psychology, 85, 249-255.
- 7 Mangelsdorff, A.D. & Zuckerman, M. (1974). Habituation to scenes of violence. Proceedings of the Society for Psychophysiological Research, Thirteenth Annual Meeting, Psychophysiology, 11, 229.
- 8 Mangelsdorff, A.D. & Zuckerman, M. (1975). Habituation to scenes of violence, Psychophysiology, 12, 124-134.
- 9 Mangelsdorff, A.D. (Ed.). (1973). Proceedings of Current Trends in Army Medical Service Psychology. Washington, D.C.: Office of the Surgeon General. (NTIS:AD A953387)
- 10 Mangelsdorff, A.D. (1973). Administrators and rehabbers: attitudes and training. Proceedings of Current Trends in Army Medical Service Psychology, Washington, D.C.: Office of the Surgeon General, 73-77. (NTIS:AD A953387)
- 11 Dunlap, S.M. & Mangelsdorff, A.D. (1973). Another male-female question: sex-role stereotypes of group leaders. Proceedings of Current Trends in Army Medical Service Psychology, Washington, D.C.: Office of the Surgeon General, 43-48. (NTIS:AD A953387)
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- 13 Hubbart, J.A., Armstrong, T.S., & Mangelsdorff, A.D. (1974). Medical care composite unit study (MECCUS) (Report No. 16). Fort Sam Houston, TX: U.S. Army Health Care Studies Division.
- 14 Mangelsdorff, A.D. & Hubbart, J.A. (1976). Army physician attitudes toward military medicine. Military Medicine, 141, 784-789.
- 15 Mangelsdorff, A.D. (1976). Feedback effects on performance of Army-trained dental therapy assistants, Journal of Dental Research, 55, B280.
- 16 Parker, W.A., Schopper, A.W., & Mangelsdorff, A.D. (1976). Dental care requirements of active duty Army personnel. Journal of Dental Research, 55, B201.

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- 17 Mangelndorff, A.D. (1976). Dental therapy assistant: expectations, preferences, and reality (Report No. 17). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A035405)
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- 19 Mangelndorff, A.D., & Zuckerman, M. (1976). Habituation of scenes of violence. Psychiatry Digest, 32.
- 20 Mangelndorff, A.D. (1977). Effects of feedback on performance of Army-trained expanded duty dental auxiliaries. American Journal of Public Health, 67, 674-675.
- 21 Hubbart, J.A., Armstrong, T.S., & Mangelndorff, A.D. (1977). A study of the feasibility of increased utilization of Fitzsimons Army Medical Center (FAMC) by CHAMPUS-eligible beneficiaries (Report No. 77-003). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A040552)
- 22 Mangelndorff, A.D. (1978). Psychologist retention factors (Report No. 78-001). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A059374)
- 23 Barnes, G.P., Parker, W.A., Cheatham, J.L., & Mangelndorff, A.D. (1978). Estimated cost of complete dental care for military dependents, Journal of Dental Research, 57, 230.
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- 26 Mangelndorff, A.D., & Brusch, W.A. (1978). Locus of control as a predictor of dental care requirements. Journal of Preventive Dentistry, 5(5), 29-30.
- 27 Mangelndorff, A.D. (1979). Comparative attitudes of Army ambulatory care physicians. Military Medicine, 144(4), 259-260.
- 28 Mangelndorff, A.D. (1978). Why do some Army psychologists leave the service? Proceedings, Sixth Symposium: Psychology in the DOD, United States Air Force Academy, Colorado, 251-254.
- 29 Hubbart, J.A., & Mangelndorff, A.D. (1978). Problem-oriented medical record (POMR) study (Report No. 78-004). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A0572664)

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- 30 Parker, W.A., Schopper, A.W., Mangelsdorff, A.D., & Cheatham, J.L. (1979). Dental treatment time requirements of military personnel. Military Medicine, 144(6), 376-380.
- 31 Mangelsdorff, A.D. (1978). Physician's assistants attitudes and performance (Report No. 78-005). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A061315)
- 32 Mangelsdorff, A.D. & Worthington, E.R. (Eds.). (1976). Proceedings of Current Trends in Army Medical Service Psychology. Washington, D.C.: Office of the Surgeon General. (NTIS:AD A143410)
- 33 Parker, W.A., Schopper, A.W., Mangelsdorff, A.D., & Cheatham, J.L. (1979). A determination of the distribution of dental care needs among the Active Duty Army. Public Health Reports, 94(2), 182-185.
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- 35 Mangelsdorff, A.D., Hubbart, J.A., & Armstrong, T.S. (1980). Prediction of staffing in selected Army medical treatment facilities. Military Medicine, 145(3), 204-205.
- 36 Mangelsdorff, A.D. (1979). A comparison of perceptions of Army physician's assistants by physicians, commanders, and physician's assistants. Society of Army Physicians' Assistants Newsletter, 14-23.
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- 40 Buhler, J.E., Kraut, R.A., Shelton, D.W., Mangelsdorff, A.D., & Watson, R.L. (1979). An evaluation of enflurane combined with nitrous oxide as an amnesic agent for outpatient oral surgery. Journal of Oral Surgery, 37: 259-261.
- 41 Mangelsdorff, A.D. (1979). Perceived needs for military medical training for incoming physicians. Army physicians' information: What you need to know but didn't know who to ask. (Report No. 79-002). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A071610)
- 42 Mangelsdorff, A.D., Lamson, T.L., & Rosenberg, D.M. (1979). Military occupational health surveillance program (Report No. 79-003). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A079173)

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- 43 Armstrong, T.S., & Mangelsdorff, A.D. (1979). Veterinary composite unit study (Report No. 79-006). Fort Sam Houston, TX: U.S. Army Health Care Studies Division.
- 44 Gilbert, L.A., & Mangelsdorff, A.D. (1979). Influence of perceptions of personal control on reactions to stressful events. Journal of Counseling Psychology, 26(6), 473-480.
- 45 Mangelsdorff, A.D. (1980). Patients' satisfaction with an Army family practice setting. Journal of Community Psychology, 8, 272-275.
- 46 Mangelsdorff, A.D. (1980). Some Army psychologists remain in the service - why? Proceedings, Seventh Symposium: Psychology in the DOD, United States Air Force Academy, Colorado, 527-531.
- 47 Buhler, J.E., Jr., Kraut, R.A., Shelton, D.W., Mangelsdorff, A.D., & Watson, R.L., Jr. (1980). Enflurane-nitrous oxide for outpatient oral surgery. Dental Abstracts, 25(1), 6-7.
- 48 Parker, W.A., Schopper, A.W., Mangelsdorff, A.D., & Cheatham, J.L. (1980). Dental care needs of active duty Army personnel. Dental Abstracts, 25(1), 44.
- 49 Alexander, D.F. & Mangelsdorff, A.D. (1980). Nonproductive factor allowance (Pilot study) (Report No 80-002). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS: AD A087450)
- 50 Mangelsdorff, A.D., & Gilbert, L.A. (1980). Analyses of the Levenson locus of control scales for sex differences. JSAS Catalog of Selected Documents in Psychology, 81.
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- 52 Mangelsdorff, A.D. (1981). Flexitime in an Army medical center (Report No. 81-002). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A107470)
- 53 James, J.J., Mangelsdorff, A.D., Parker, W.A., & Abshier, J.D. (1981). Teleradiology (Report No. 81-003). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS: AD A107431)
- 54 Rauch, T.M., Mangelsdorff, A.D., & James, J.J. (1981). Risk assessment for cardiovascular disease in military personnel (Consultation Report No. 81-001). Fort Sam Houston, TX: U.S. Army Health Care Studies Division.
- 55 Rauch, T.M., Mangelsdorff, A.D., & Twist, P.A. (1981). Field unit readiness study (FURS) (Preliminary Report). Fort Sam Houston, TX: U.S. Army Health Care Studies Division.



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- 56 Parker, W.A., Mangelsdorff, A.D., & Brunner, D.G. (1981). An assessment of the dental needs of Army recruits (Report No. 81-004). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A1072900)
- 57 Parker, W.A., Mangelsdorff, A.D. (1981). Evaluation of currently used dental management indicators and development of new management and performance indicators (Report No. 81-006). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A110090)
- 58 Mangelsdorff, A.D., Gilbert, P.M., Schlie, J.A., & Troutman, C.T. (1981). Organizational effectiveness and patient care quality study (Report No. 81-008). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A105755)
- 59 Twist, P.A., & Mangelsdorff, A.D. (1981). Evaluation of uniform chart of accounts personnel utilization study (UCAPERS) (Report No. 81-010). Fort Sam Houston, TX: U.S. Army Health Care Studies Division.
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- 61 Rath, F.H., Ingraham, L.H., & Mangelsdorff, A.D. (1980). Psychology in the combat environment. Proceedings of the AMEDD Psychology Symposium, 27-31 October 1980, Washington, D.C.: Walter Reed Army Medical Center, 205-206. (NTIS: AD A147332)
- 62 Mangelsdorff, A.D. (1980). Stress reactions of military personnel. Proceedings of the AMEDD Psychology Symposium, 27-31 October 1980. Washington, D.C.: Walter Reed Army Medical Center, 207-214. (NTIS: AD A147332)
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- 64 Mangelsdorff, A.D. & Furukawa, T.P. (1981). Development of medical manpower authorization criteria (MACRIT) planning factors (Consultation Report No. 81-002). Fort Sam Houston, TX: U.S. Army Health Care Studies Division.
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- 66 Mangelsdorff, A.D., Lamson, T.H., Rosenberg, D.M., Huebner, M.F., & James, J.J. (1981). Military occupational health surveillance program. Military Medicine, 146(12), 853-855.

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- 67 Mangelsdorff, A.D. and Furukawa, T.P. (Eds.) (1982). Proceedings, Users' Workshop on Combat Stress. September 1981. (Consultation Report No. 82-004). Fort Sam Houston, TX: U.S. Army Health Care Studies Division. (NTIS:AD A152464)
- 68 Mangelsdorff, A.D. (1981). Tasks and functions of combat stress casualty identifiers (MACRIT Study). Proceedings, Users' Workshop on Combat Stress, September 1981. (Consultation Report No. 82-004). U.S Army Health Care Studies Division, 21-27. (NTIS:AD A152464)
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PUBLICATIONS:

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